



501.41004X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): N. FUKAYAMA, et al  
Serial No.: 10/020,976  
Filed: December 19, 2001  
For: LIQUID CRYSTAL DISPLAY DEVICE  
Group: 2813  
Examiner: W. Vesperman

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 12, 2004

Sir:

In the matter of the above-identified application, applicant(s) is/are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration, such documents were cited in a reign communication from a foreign patent office in a counterpart foreign application.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent that, the documents listed on the attached form equivalent to Form PTO-1449, are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or English language abstract of the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (501.41004X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Melvin Kraus", written over a horizontal line.

Melvin Kraus  
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Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 501.41004X00  
Serial No. 10/020,976  
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	6,175,396 B1	1/01	Kim et al (corresponds to JP 11-281966)		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
1-225917	9/89	Japan		(abstract)
6-301034	10/94	Japan		X
9-090361	4/97	Japan		(abstract)
11-281966	10/99	Japan (corresponds to USP 6,175,396 B1)		(abstract)
2000-0020693	4/00	Korean		X
2000-258756	9/00	Japan		(abstract)

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.